



mobilCooler[®]

RC1500

Gebrauchsanweisung

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IMPORTANT ADVICE**Do not use gas-operated refrigerator in closed rooms!****(ensure good ventilation in tent entrance areas!)****Read instruction for use before installing and using the appliance.**

Should the appliance be sold or transferred to another owner, always ensure that the book is supplied with the appliance in order that the new owner can be acquainted with the functioning of the appliance and the relevant warnings.

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1. Warnings and directions

These warnings are provided in the interest of safety. You must read them carefully before installing or using the appliance!

- This product is designed to be operated by adults. Children should not be allowed to tamper with the controls or play with the product.
- Any electrical work required to install this appliance should be carried out by a qualified electrician.
- This product should be serviced by an authorized Service Engineer, and only genuine spare parts should be used.
- It is dangerous to alter the specifications or modify this product in any way.
- The Electrolux mobilCooler is designed to be used specifically for the storage of edible foodstuffs and drinks only.
- There are working parts in this product which heat up. Always ensure that there is adequate ventilation, as failure to do so will result in component failure and possible food loss (refer to relevant instructions for unit installation under point 4).
- Before defrosting, cleaning or maintenance work is carried out, be sure to switch off and unplug the appliance. Shut down gas operation!
- Manufacturers' food storage recommendations should be strictly observed. Refer to relevant instructions for food and drink storage under point 14.
- Under no circumstances should you attempt to repair the appliance yourself. Repairs carried out by inexperienced persons may cause injury or more serious malfunctioning. Refer to your local Service Centre and always insist on genuine spare parts.

2. Area of use

The unit may not be installed in motor vehicles and boats when using the gas operation method!

Operation using liquid gas in enclosed spaces is not permitted!

THIS COOLING UNIT MAY ONLY BE USED WITH GAS OUT OF DOORS!

Outdoor use includes tents (awnings) which are well ventilated throughout unit operation and flat garden terraces.

There are no restrictions on electrical operation.

Site of operation must be protected from rain and other water sources.

3. Storage of gas cylinders

Liquid gas cylinders should never be stored in unventilated areas or below ground (funnel-shaped holes). Avoid direct sunlight. The gas cylinder should not be exposed to temperatures in excess of 50°C.

4. Installation

To be installed horizontally on a smooth, firm or any other appropriate surface. If necessary, adjust/align using a spirit level or a water-filled vessel.

There should be a distance of at least 10 cm between the back of the unit and any other object (wall).

Avoid placing unit in direct sunlight and next to other sources of heat.

Ventilating ducts on the upper, lower and rear end of the mobilCooler should be kept clear of all obstructions to ensure good air circulation.

This will result in a good, energy-saving cooling system.

5. Cleaning

Before initial use and after defrosting or before prolonged periods of disuse, clean the unit containers and lid with lukewarm water and, if necessary, washing-up liquid. Warning: do not inadvertently press or force the opened lid past its stop-point (this could cause the hinges to break). Never use scouring or corrosive agents to clean the unit. Wipe cleaned surfaces dry with a soft cloth.

6. A/C operation

Do not use any additional form of energy (batteries/gas).

Check that the supply voltage and line voltage data correspond to the type-plate on the back of the unit.

(The following instructions refer in the main to coolers manufactured in the United Kingdom). The mains lead of your mobilCooler is fitted with a non-rewirable, moulded-on, 13-amp plug containing a 3-amp fuse. It is a regular earthed plug for connection to a regular earthed socket.

Due to the difference in the plugs used, an adapter will be necessary for other countries.

If the fuse requires replacing at any time, the fuse cover/carrier should be removed using a small screwdriver to lever it out. The old fuse should be replaced by a 3-amp, ASTA-approved, BS 1362 fuse and the fuse cover/carrier must be refitted before the plug is used again.

If the fuse cover/carrier is lost, a replacement can be obtained from the Electrolux Service shops and offices. The fuse cover/carrier must be of the same colour as that of the coloured insert in the base of the plug. Under no circumstances must the plug be used without a correct fuse cover/carrier fitted.

If the plug supplied on the mains lead is not suitable for the socket in your home, it should be cut off and disposed of safely, or destroyed, to avoid any possible shock hazard resulting from the plug being inserted into a 13-amp socket elsewhere in the house. A suitable replacement plug should then be fitted as given below.

General guide to fitting any plug

Ensure the lengths of wire inside the plug are prepared correctly. Connections should be firmly made after all conductor strands are entered into the terminal posts. When preparing the cable ends, take care not to damage the outer sheath or the insulation surrounding the inner conductors. Tighten all screws. Replace the top cover of the plug and secure.

Other versions

Your mobilCooler has a 3-wire mains lead which is intended for connection to a 3-pin plug and a properly earthed socket outlet.

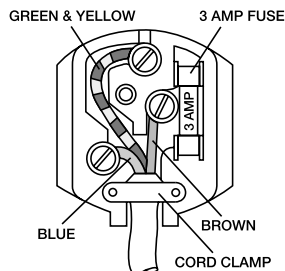
IMPORTANT: The wires in the mains lead of this appliance are coloured in accordance with the following code:

GREEN-AND-YELLOW: EARTH

BLUE: NEUTRAL

BROWN: LIVE

As the colours of the wires in the mains lead may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows: the wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol \oplus or coloured green or green-and-yellow. The wire which is coloured BLUE must be connected to the terminal which is marked with the letter N or coloured black. The wire which is coloured BROWN must be connected to the terminal which is marked with the letter L or coloured red.

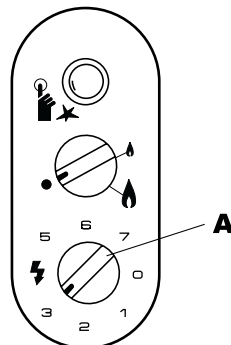


WARNING - THIS APPLIANCE MUST BE EARTHED!

If a 13-amp (BS 1363) fused-plug is used, it should be fitted with a 3-amp fuse. In other cases, the circuit to which the refrigerator is connected should be fitted with a 5-amp fuse.

To turn on

- Turn thermostat knob **A** clockwise to position 7/MAX. Only after approximately 1 hour will the unit become noticeably cool (frost on evaporator).
- The temperature can be regulated using the thermostat knob:
0 = off, 1-7 increasing degrees of coolness.
- After sufficient cooling (approximately 5 hours), the thermostat position can be set to a lower temperature, between 2-5. The thermostat will now automatically regulate the set temperature.



To turn off

- Turn thermostat knob **A** anticlockwise to position 0 (a slight resistance will be felt just before this position).
- Pull out mains plug.

7. D/C operation

Do not use any additional form of energy (mains/gas). A safety fuse must be installed in the electricity supply between battery and mobilCooler in a duct.

12 V: maximum 15 amps; 24 V: maximum 7.5 amps

Cable cross section		max. cable lengths	
		bei 12 V	24 V
2.5 mm ²	until	2.5 m	5 m
4.0 mm ²	until	4.0 m	8 m
6.0 mm ²	until	6.0 m	12 m

It is not necessary to consider the polarity when connecting the unit. Check that the battery voltage and line voltage data correspond to the type-plate on the back of the unit. If no batteries are used independently of the vehicle, the mobile cooler should only be operational when the vehicle is in motion, since the battery can discharge to the extent that the vehicle engine cannot restart when the vehicle is at a standstill.

Recommendation: before journey, pre-cool the unit using A/C operation.

To turn on

Plug the car plug mounted on the connecting cable into the plug connector/cigarette lighter. If the unit is equipped with a special car plug (with adapter), the adapter can be removed to correspond to the various plug connectors: Click off by turning in the opposite direction to the arrow and pull off axially.

When using battery operation, the cooling performance is not thermostatically regulated, i.e. knob A is ineffective.

Only units exclusively equipped for use with one of the two electrical operation methods - A/C or D/C - can, in general, be thermostatically regulated by using knob **A** in the relevant operation method.

When knob **A** is ineffective or if the temperature is unnecessarily too low:

Turn unit off

Pull out plug from socket.

8. Liquid gas operation

Do not use any additional form of energy (mains/battery). The unit must not be connected to town or natural gas pipelines. It is only suitable for use with propane/butane gas (e.g. Calor gas, camping gas, caravan gas, etc.).

The mobilCooler is equipped for a specific gas-pressure, corresponding to the standard pressure of the country in which it is sold. The rating-plate states the pressure which is correct. It is important that a non-adjustable pressure regulator is used to reduce the pressure in the gas cylinder to the operating pressure specified on the rating-plate, no other pressure may be used.

Needle valve operated gas control taps are NOT suitable for use with this appliance and must not be used as a substitute for a pressure regulator.

9. Connection of gas supply

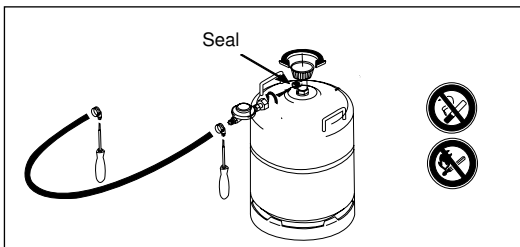
(The following instructions refer in the main to coolers manufactured in the United Kingdom. For other countries please refer to your supplier.)

Always connect in the following sequence:

GAS BOTTLE → PRESSURE REGULATOR → APPLIANCE.

To connect the appliance to the pressure regulator an APPROVED GAS TUBING should be used. This should be minimum in length-have an inside dimension of 8mm and be marked BS3212/2/8.

The pressure-regulator must be compatible for Butan 11 in (28mbar) or for Propane(37mbar).



To connect the pressure-regulator to the gas bottle, the valve of gas bottle must be closed. After connecting the pressure-regulator to the bottle by screwing, connect the two ends of the tubing to the nipples and secure them with the two hose clipse.

When fitting the connection to the gas inlet of the appliance , hold counterpart to avoid straining and possibly damaging.

The gas bottle must only be used in an upright position and particular care must be taken every time the appliance is connected to the gas bottle to ensure that there are no leaks, that the gas pipe (rubber hose) is not under tension or kinked, and that it is not in contact with hot surfaces.

The connection pipe and gas bottle should always be located in positions where they will not be tripped over or otherwise inadvertently disturbed.

Before attempting to light the burner, every time after connection, turn on the gas at the bottle and check the gas connections for leaks by applying a soap and water solution over them and watching for bubbles, which would indicate a leak.

After testing dry off traces of detergent.

For your safety:

Do not check for leaks with a naked flame!

Do not smoke while checking for leaks!

10. Gas equipment system

The gas equipment consists of

- the multiple regulator-unit **C** regulator with built-in thermoelectric ignition control
- the burner
- the piezo-gas lighter **D** (only for model EGP)

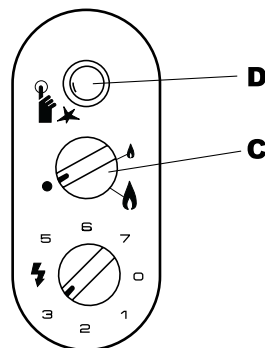
Knob **C** can be turned to 3 function positions:

🔥 : large flame = high cooling performance (MAX)

🔥 : small flame = low cooling performance (MIN)

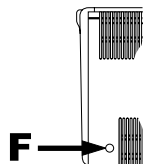
● : off-position = gas supply to burner is shut off.

If, for any reason the gas flame extinguishes, the ignition control is working automatically and shuts off gas supply.



11. Igniting the gas burner

- Open gas cylinder or pressure regulating valve.
- Turn knob **C** anticlockwise to the MAX position, press and hold down
- After approximately 10 seconds, ignite the burner by pressing knob **D** several times (for models without piezo-ignition, ignite the burner with a match via aperture **F** at the back of the appliance).
- When the burner is lit, keep knob **C** pushed for another 20-30 seconds, then release it.
- Check the flame visually through the opening **F**. If the flame is not burning, repeat ignition procedure.



(This could take longer than 10 seconds if the unit has been out of operation for a prolonged period or after replacing the gas cylinder. Cause: air in the lines.)

- When a sufficient low internal temperature of the mobilCooler has been reached, it may be necessary to set the control knob **C** to MIN-position.

12. Shutting down gas operation

- Close gas cylinder or pressure regulating valve.
- Turn knob **C** clockwise to the OFF-position.

13. Food and drink storage

- Foodstuffs and drinks should always be stored sealed in the unit. Thus, changes in taste and smell are avoided
- Food and drink should be placed in the cooler so as to allow air to circulate freely.
- Do not place hot food or drinks in the cooler!
- Under no circumstances should inflammable liquids and/or gases be stored in the cooler. **Explosion hazard!**

14. Ice-making

Fill the ice-tray (if not included, the ice-tray may be purchased separately) with drinking water to within 4/5 from the top and cover with lid. Wipe off any drops of water which may be on the tray and lid to prevent freezing together and place in the cooler on the refrigerating unit.

Ice will be made more quickly when the thermostat knob (for electric operation) or regulating knob (for liquid gas operation) is set to MAX for a short time. (When ice has formed, do not forget to return the knob to its normal setting.)

To remove the ice, allow the ice-tray to defrost slightly for a while or run it under tap water at normal temperature before removing the lid from the tray. The ice cubes can now be removed easily from the tray.

15. Defrosting and measures for prolonged periods of disuse

A build-up of too much ice on the evaporator hinders cooling of the unit and thus reduces effectiveness. Therefore, it is recommended to defrost the mobile cooler as soon as an approximately 5-mm thick layer of ice has formed. This is done by turning off the unit and removing any food or drink therein. Never use heated appliances, heaters, etc., to speed up the defrosting process! If necessary, a cloth dipped in warm water can be placed on the unit to help the defrosting process. After defrosting, mop up the defrosted water with a clean cloth and clean the cooler containers as described in chapter 5.

Should the unit be out of operation for a prolonged period, turn off unit and remove contents. After defrosting, the cooler should be cleaned carefully and dried.

To avoid any unpleasant smells forming in the cooler, the lid should be left slightly open.

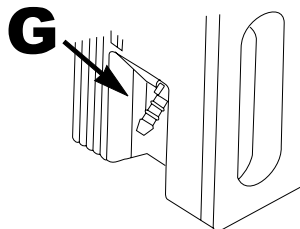
16. Measures after prolonged periods of disuse

Should the mobile cooler not function correctly after being switched on, place the unit upside down **WITHOUT ANY CONNECTING POWER SUPPLY**. After a few minutes, return the mobile cooler to its correct position and switch on again.

Should the unit still not function correctly, repeat the process several times.

17. Maintenance

Changing the gas filter: the cellulose gas filter is situated at the front in gas connection piece **G**. When it becomes necessary to replace the gas filter, remove the filter from the duct and replace it with a new one. Any other maintenance and repair works, especially those relating to the cooling aggregate and the gas-burner system, may be undertaken only by authorized customer service points.



Recommendation: for your own safety you should have the complete gas system (burner and all connection parts) inspected every two years by an authorized service centre.

18. After-sales service

Should a problem arise with the unit, please check the following before contacting a customer service:

- is the unit suitably placed and is it well ventilated?
- is the unit placed on a flat surface?
- does the socket supply current?
- is the connecting cable damaged in any way?
- is there a loose connection?
- has the plug been properly plugged into the socket?
- has the electro-thermostat been correctly adjusted?
- in the case of gas operation, has the safety pilot knob (regulator) been pressed down long enough?
- has the regulating knob been turned to the correct position?

- is the gas cylinder or pressure regulating valve open?
- does the liquid gas cylinder still contain gas? If no liquid movement is evident on shaking the cylinder, then the gas cylinder is empty.
- are several operating methods being used simultaneously?
- have warm foodstuffs been stored in the cooler?
- was too large a quantity of food or drink stored at any one time? Food and drink should be stored as to allow free air circulation. Do not use paper or plastic plates. Always keep containers for liquids sealed.

When contacting our customer service department, please indicate the unit type, product number, serial number and type of defect.

We accept responsibility for the perfect condition of the unit, the guarantee being in accordance with our guarantee conditions.

19. Technical data

Model:

RC1500

Gas operation

Nominal heating Q_n:

butane (propane):
112 W - 10.1 g/h (118 W - 8.4 g/h)

Minimal heating Q_n min:

91 W - 6.6 g/h (80 W - 5.7 g/h)

Gas pressure p:

28-30/37 mbar

Jet size No. 19

Category:

N

Climate pass:

GB - I₃+ IE - I₃+

Permitted excess operating pressure:

30 bar

Electric operation:

220 - 240 V AC 50/60Hz

65 W

12 V DC

65 W

24 V DC

55 W

Capacity:

21 L

Refrigerant:

0.24 kg NH₃ + H₂O

The appliance does not contain any CFCs/HCFCs.

Sodium chromate is used for corrosion protection (less than 2 weight % of the coolant).

This appliance complies with the following EEC directives:

LVD-Directive	73/23/EEC with amendment 90/683/EEC
EMC-Directive	89/336/EEC
Gas-Directive	90/396/EEC.